

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Galvit Aerosol

Other identification:

1.2 Relevant identified uses of the substance or mixture and uses advised against

Paint

1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

1.4 Emergency telephone number

As per section 1.3

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Physical hazards: Aerosol 1 - H222, H229

Health hazards: Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, STOT SE 3 - H335, H336, STOT RE 2 - H373

Environmental hazards: Aquatic Chronic 3 - H412

Human health: Vapours and spray/mists in high concentrations are narcotic. See Section 11 for additional information on health hazards.

Environmental: The product contains a substance which is harmful to aquatic organisms.

Physicochemical: Containers can burst violently or explode when heated, due to excessive pressure build-up. The product is extremely flammable. Vapours may form explosive mixtures with air.

2.2 Label elements

Hazard pictograms:

CLP 02 Flammable

CLP 07 Exclamation

CLP 08 Health

(none)



Signal word:

Danger

Hazard statements:

H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements: P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe vapour/ spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/ doctor if you feel unwell.

Other label elements: P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Supplemental label information:
EUH066 Repeated exposure may cause skin dryness or cracking.
RCH002b For professional users only.

Contains: ACETONE, XYLENE, HYDROCARBONS, C9, AROMATICS

Supplementary precautionary statements:
P261 Avoid breathing spray.
P264 Wash contaminated skin thoroughly after handling.
P273 Avoid release to the environment.
P314 Get medical advice/ attention if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB.

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

ACETONE: 30-60%

CAS number: 67-64-1, EC number: 200-662-2, REACH registration number: 01-2119471330-49-XXXX

Flam. Liq. 2 - H225

Eye Irrit. 2 - H319

STOT SE 3 - H336

PETROLEUM GASES, LIQUEFIED: 30-60%

CAS number: 68476-85-7, EC number: 270-704-2

Flam. Gas 1 - H220

Press. Gas, Compressed - H280

XYLENE: 10-30%

CAS number: 1330-20-7, EC number: 215-535-7, REACH registration number: 01-2119488216-32-XXXX

Flam. Liq. 3 - H226

Acute Tox. 4 - H312

Acute Tox. 4 - H332

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

STOT SE 3 - H335

STOT RE 2 - H373

Asp. Tox. 1 - H304

HYDROCARBONS, C9, AROMATICS: 1-5%

CAS number: 64742-95-6, EC number: 918-668-5, REACH registration number: 01-2119455851-35-XXXX

Flam. Liq. 3 - H226

STOT SE 3 - H335, H336

Asp. Tox. 1 - H304

Aquatic Chronic 2 - H411

Ethylbenzene: <1%

CAS number: 100-41-4, EC number: 202-849-4, REACH registration number: 01-2119489370-35-XXXX

Flam. Liq. 2 - H225

Acute Tox. 4 - H332

STOT RE 2 - H373

Asp. Tox. 1 - H304

N-BUTYL ACETATE: <1%

CAS number: 123-86-4, EC number: 204-658-1, REACH registration number: 01-2119485493-29-XXXX

Flam. Liq. 3 - H226

STOT SE 3 - H336

The full text of all hazard statements is in Section 16.

Section 4: First aid measures

4.1 Description of first aid measures

General: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. First aid personnel should wear appropriate protective equipment during any rescue.

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If in doubt, get medical attention promptly.

Ingestion: Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Get medical attention.

Skin: Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye: Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

4.2 Most important symptoms and effects, both acute and delayed

General: See Section 11 for additional information on health hazards.

Inhalation:

Ingestion:

Skin:

Eye:

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Foam, carbon dioxide or dry powder.

5.2 Special hazards arising from the substance or mixture

Containers can burst violently or explode when heated, due to excessive pressure build-up.

5.3 Advice for firefighters

Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours and contact with skin and eyes. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

6.2 Environmental precautions

Avoid discharge into drains.

6.3 Methods and material for containment and cleaning up

Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.

6.4 Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Use suitable respiratory protection if ventilation is inadequate. Wash promptly with soap and water if skin becomes contaminated. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Protect from freezing and direct sunlight. Store in a dry place. Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks and open flame.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Section 8: Exposure controls / personal protection

8.1 Control parameters

Occupational exposure limits

ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

PETROLEUM GASES, LIQUEFIED

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m³

Sk

Ethylbenzene

Long-term exposure limit (8-hour TWA): WEL 100 ppm 441 mg/m³

Short-term exposure limit (15-minute): WEL 125 ppm 552 mg/m³

Sk

N-BUTYL ACETATE

Short-term exposure limit (15-minute): WEL 966 mg/m³ 200 ppm

Long-term exposure limit (8-hour TWA): WEL 724 mg/m³ 150 ppm

(WEL = Workplace Exposure Limit; Sk = Can be absorbed through the skin.)

ACETONE (CAS: 67-64-1)

DNEL

Workers - Dermal; Long term systemic effects: 186 mg/kg/day

Workers - Inhalation; Short term local effects: 2420 mg/m³

Workers - Inhalation; Long term systemic effects: 1210 mg/m³

PNEC

- Sediment (Freshwater): 30.4 mg/kg

- Sediment (Marinewater): 3.04 mg/kg

- Marine water: 1.06 mg/l

- Soil: 29.5 mg/kg

XYLENE (CAS: 1330-20-7)

DNEL

Consumer - Dermal; Long term systemic effects: 108 mg/kg/day

Workers - Dermal; Long term systemic effects: 180 mg/kg/day

Consumer - Inhalation; Short term local effects: 174 mg/m³

Consumer - Inhalation; Short term systemic effects: 174 mg/m³

Workers - Inhalation; Short term systemic effects: 289 mg/m³

Workers - Inhalation; Short term local effects: 289 mg/m³

Consumer - Inhalation; Long term systemic effects: 14.8 mg/m³

Workers - Inhalation; Long term systemic effects: 77 mg/m³

PNEC

- Fresh water: 0.327 mg/l

- Marine water: 0.327 mg/l

- Intermittent release: 0.327 mg/l

- STP: 6.58 mg/l

- Sediment (Freshwater): 12.46 mg/kg
- Sediment (Marinewater): 12.46 mg/kg
- Soil: 2.31 mg/kg

N-BUTYL ACETATE (CAS: 123-86-4)

DNEL

- Consumer - Inhalation; Short term local effects: 859.7 mg/m³
- Consumer - Inhalation; Short term systemic effects: 859.7 mg/m³
- Workers - Inhalation; Short term systemic effects: 960 mg/m³
- Workers - Inhalation; Short term local effects: 960 mg/m³
- Consumer - Inhalation; Long term local effects: 102.34 mg/m³
- Workers - Inhalation; Long term local effects: 480 mg/m³
- Consumer - Inhalation; Long term systemic effects: 102.34 mg/m³
- Workers - Inhalation; Long term systemic effects: 480 mg/m³

PNEC

- Fresh water: 0.18 mg/l
- Sediment (Freshwater): 0.981 mg/kg
- Sediment (Marinewater): 0.981 mg/kg
- Marine water: 0.018 mg/l
- STP: 35.6 mg/l
- Soil: 0.0903 mg/kg

8.2 Exposure controls

Eye/face protection: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection: No specific requirements are anticipated under normal conditions of use.

Other skin and body protection: Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

Respiratory protection: No specific recommendations. If ventilation is inadequate, suitable respiratory protection must be worn.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Note: This information represents typical data and is not a specification.

Appearance	Aerosol
Colour	Silver
Odour	Solvent
Initial boiling point and range	-41 (-41 TO 174) °C
Flash point	-40°C CC (Closed cup)
Lower flammable/explosive limit	0.8 %
Upper flammable/explosive limit	13.0 %
Relative density	0.715
Solubility	Insoluble in water
Auto-ignition temperature	370°C

9.2 Other information

None.

Section 10: Stability and reactivity

10.1 Reactivity

No test data specifically related to reactivity available for this product or its ingredients.

10.2 Chemical stability

The product may not be stable under some conditions of storage or use.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct

sunlight.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None at ambient temperatures.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity - dermal

ATE dermal (mg/kg): 5,937.92

Acute toxicity - inhalation

ATE inhalation (vapours mg/l): 59.38

Inhalation: May cause respiratory irritation. May cause drowsiness or dizziness. Vapours in high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea.

Skin contact: Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Eye contact: Causes serious eye irritation.

Acute and chronic health hazards: May cause damage to organs through prolonged or repeated exposure.

Route of entry: Inhalation, skin and/or eye contact.

ACETONE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg): 5,800.0

Species: Rat

ATE oral (mg/kg): 5,800.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg): 7,800.0

Species: Rabbit

ATE dermal (mg/kg): 7,800.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l): 21.0

Species: Rat

ATE inhalation (vapours mg/l): 21.0

XYLENE

Acute toxicity – oral

Acute toxicity oral (LD₅₀ mg/kg): 4,300.0

Species: Rat

ATE oral (mg/kg): 4,300.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg): 3,200.0

Species: Rabbit

ATE dermal (mg/kg): 1,100.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l): 11.0

Ethylbenzene

Acute toxicity - inhalation

ATE inhalation (vapours mg/l): 11.0

N-BUTYL ACETATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg): 10,760.0

Species: Rat

ATE oral (mg/kg): 10,760.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg): 14,113.0

Species: Rabbit

ATE dermal (mg/kg): 14,113.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l): 23.4

Species: Rat

ATE inhalation (vapours mg/l): 23.4

Section 12: Ecological information

12.1 Toxicity

ACETONE

Acute toxicity - fish, EC₅₀, 96 hours: 8300 mg/l, *Lepomis macrochirus* (Bluegill)

Acute toxicity - aquatic invertebrates, EC₅₀: 8800 mg/l, *Daphnia magna*

XYLENE

Acute toxicity - fish, LOEC: >1 - <10 mg/l, Algae

Acute toxicity - aquatic plants, LOEC: >1 - <10 mg/l, Fish

N-BUTYL ACETATE

Acute toxicity - fish, LC₅₀, 24 hours: 54 mg/l, Algae

LC₅₀, 96 hours: 18 mg/l, *Pimephales promelas* (Fat-head Minnow)

Acute toxicity - aquatic invertebrates, EC₅₀, 48 hours: 44 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants, EC₅₀, 72 hours: 647.7 mg/l, *Scenedesmus subspicatus*

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects

None known.

Section 13: Disposal considerations

13.1 Waste treatment methods

Dispose of waste product or used containers in accordance with local regulations. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not pierce or burn, even after use.

Section 14: Transport information

General

14.1 UN Number

UN No. (ADR/RID/IMDG/ICAO/ADN): 1950

14.2 UN proper shipping name

Proper shipping name (ADR/RID/IMDG/ICAO/ADN): AEROSOLS, FLAMMABLE

14.3 Transport hazard class(es)

ADR/RID class: 2.1

ADR/RID classification code: 5F

ADR/RID label: 2.1

IMDG class: 2.1

ICAO class/division: 2.1
ADN class: 2.1
Transport labels: 2 Flammable

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Dead tree/fish label

14.6 Special precautions for user

EmS: F-D, S-U
ADR transport category: 2
Tunnel restriction code: D

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

Section 16: Other information

Hazard statements in full:

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H229 Pressurised container: may burst if heated

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.